

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/05254

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06T7/00 A61B6/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06T A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/41626 A (Z KAT INC) 20 July 2000 (2000-07-20) abstract; figures 4,6 page 1, line 23 - page 3, line 30	1-5
A	GINGINS P ET AL: "Model-based 3D object recognition by a hybrid hypothesis generation and verification approach" PROC. SPIE - INT. SOC. OPT. ENG. (USA), PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 1994, SPIE-INT. SOC. OPT. ENG, USA, vol. 2353, 2 October 1994 (1994-10-02), pages 67-77, XP0009026682 ISSN: 0277-786X the whole document	1-5

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

9 March 2004

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26/03/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WEI WEN ET AL: "Structure inference and pose-estimation based on symmetry of object"</p> <p>TENCON '94. IEEE REGION 10'S NINTH ANNUAL INTERNATIONAL CONFERENCE. THEME: FRONTIERS OF COMPUTER TECHNOLOGY. PROCEEDINGS OF 1994 SINGAPORE 22-26 AUG. 1994, NEW YORK, NY, USA, IEEE, 22 August 1994 (1994-08-22), pages 766-770, XP010126925</p> <p>ISBN: 0-7803-1862-5</p> <p>the whole document</p>	1-5
A	<p>US 5 676 146 A (SCARBOROUGH NELSON L)</p> <p>14 October 1997 (1997-10-14)</p> <p>cited in the application</p> <p>the whole document</p>	1-5
A	<p>YOSHIDA K ET AL: "Active 3D modeling by recursive viewpoint selection based on symmetry"</p> <p>PROC. SPIE - INT. SOC. OPT. ENG. (USA), PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 1995, SPIE-INT. SOC. OPT. ENG, USA,</p> <p>vol. 2588, 26 October 1995 (1995-10-26), pages 326-336, XP0009026678</p> <p>ISSN: 0277-786X</p> <p>the whole document</p>	1-5
A	<p>US 5 397 329 A (ALLEN GEORGE S)</p> <p>14 March 1995 (1995-03-14)</p> <p>abstract; figures 6-8</p> <p>column 3, line 30 - column 4, line 26</p>	1-5
A	<p>SABLATNIG R ET AL: "Model-based registration of front- and backviews of rotationally symmetric objects"</p> <p>COMPUT. VIS. IMAGE UNDERST. (USA), COMPUTER VISION AND IMAGE UNDERSTANDING, JULY-SEPT. 2002, ACADEMIC PRESS, USA,</p> <p>vol. 87, no. 1-3,</p> <p>September 2002 (2002-09), pages 90-103, XP002272936</p> <p>ISSN: 1077-3142</p> <p>the whole document</p>	1-5

INTERNATIONAL SEARCH REPORT
Information on patent family members

International Application No
PCT/IB 03/05254

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0041626	A	20-07-2000	AU 2415000 A	01-08-2000
			CA 2360572 A1	20-07-2000
			EP 1158899 A1	05-12-2001
			JP 2002534204 T	15-10-2002
			WO 0041626 A1	20-07-2000
US 5676146	A	14-10-1997	AU 739912 B2	25-10-2001
			AU 4270397 A	02-04-1998
			BR 9711829 A	18-01-2000
			CA 2266047 A1	19-03-1998
			CA 2446573 A1	19-03-1998
			EP 0932373 A1	04-08-1999
			JP 2001500409 T	16-01-2001
			KR 2000036113 A	26-06-2000
			WO 9810712 A1	19-03-1998
US 5397329	A	14-03-1995	US 5119817 A	09-06-1992
			US 4991579 A	12-02-1991
			US 5211164 A	18-05-1993
			US 5178164 A	12-01-1993
			AU 648184 B2	14-04-1994
			AU 1941492 A	10-09-1992
			AU 2459388 A	25-05-1989
			AU 658333 B2	06-04-1995
			AU 4886893 A	09-12-1993
			AU 657436 B2	09-03-1995
			AU 4886993 A	09-12-1993
			AU 657437 B2	09-03-1995
			AU 4889293 A	09-12-1993
			AU 657438 B2	09-03-1995
			AU 4890293 A	09-12-1993
			BR 8805881 A	01-08-1989
			CA 1317036 C	27-04-1993
			CA 1334035 C	17-01-1995
			DE 3838011 A1	20-07-1989
			ES 2013810 A6	01-06-1990
			FR 2627075 A1	18-08-1989
			GB 2212371 A ,B	19-07-1989
			GB 2246936 A ,B	12-02-1992
			IT 1227797 B	07-05-1991
			JP 2001244 A	05-01-1990
			JP 2732618 B2	30-03-1998
			SE 8804056 A	09-11-1988
			US 4945914 A	07-08-1990
			US 5094241 A	10-03-1992
			US 5142930 A	01-09-1992
			US 5230338 A	27-07-1993